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PBA ACCIDENT PROBE "TOUGHEST IN 20 YEARS"

National Transportation Safety Board last week scheduled an August hearing on the Dec. 6 crash of the Provincetown-Boston Airline Embraer Bandeirante at Jacksonville, Fla., with the primary cause still a mystery. "It's the toughest investigation we've had in 20 years," declared a board spokesman. What is known is that both the right and left elevators separated in flight shortly after takeoff on a scheduled flight to Tampa. The aircraft impacted inverted about a mile and a half off the end of the departure runway. All 13 on board perished.

At this point it is believed the inflight separation was due to circumstances unique to that particular aircraft and that the investigation results will have no impact on the Bandeirante fleet. NTSB "factual reports" covering various aspects of the accident were released last week, but bore no surprises. The copilot of a Southern Express Bandeirante landing just behind the PBA departure said the aircraft "seemed to be climbing at an excessive rate for an EMB-110 . . . " And the tower controller who witnessed the accident noted that "it continued straight ahead for about one-half mile and then began to settle in a nose-high attitude. An NTSB source noted, however, that there was nothing remarkable about the flight path and that performance did not seem to be involved. Other aspects of the flight, including weather, maintenance of the aircraft, weight and balance and crew qualifications were well within norms.

The NTSB will hold two or three days of public hearings beginning Aug. 6 in the ballroom of the Marco Beach Hilton on Marco Island, Fla., which is near the PBA headquarters at Naples. Approximately 17 persons are expected to testify.

CESSNA FURLOUGHS ANOTHER 600, MORE TO FOLLOW

Cessna Aircraft Co. Friday laid off an additional 600 employes, dropping the Wichita manufacturer's total work force to 5,500. Citing the continued slump in both piston single- and multi-engine sales, the company also suspended production of several additional models--the 152, Cutlass RG, AgTruck, Agtusky and 421 Golden Eagle. Those are in addition to six piston models that have been discontinued--152 Aerobat, Cutlass, Turbo Skylane, Stationair 8, Turbo Stationair 8 and 340.

Seventy percent of the layoffs involved white collar workers, including engineering, marketing and product support personnel. "Additional reductions are planned during the balance of 1985 as we continue to downsize in line with business conditions," all employes were told in a memo. Coincidently the company last week completed its pull-out of the Strother Field, Kan., production facility, which has been sold to General Electric's turbine-engine overhaul facility on the field. The Skyhawk, the only Strother-built model still in production, is being integrated into the Skylane line.

A remaining Wichita area work force of about 5,500 people compares to an all-time Cessna peak of 16,000 in 1979 and a 10-year low of 5,077 in January 1983. Impact of the Cessna layoffs as well as those of Beech and Learjet on the Wichita community has been offset by hiring at the Boeing Military Airplane Company, when employment now tops 17,000. The Boeing plant performs mods on Air Force KC-135s and B-52s as well as producing much of the 737 and major components for the 747 at its Wichita plant.

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BUSINESS/PERSONAL AIRCRAFT INDUSTRY – JUNE UNIT SHIPMENTS

		June 85	Cal. Year
AEROSPATIALE GENERAL AVIATION			
• Single-Engine			
TB9	Tampico	0	2
TB10	Tobago	5	7
TB20	Trinidad	5	19
TB21	Trinidad TC	0	0
TOTAL		10	28
BEECH AIRCRAFT CORP.			
• Single-Engine			
BE-77	Skipper	0	0
BE-C23	Sundowner	1	1
BE-C24R	Sierra	0	0
BE-F33A	Bonanza	1	10
BE-A36	Bonanza	12	46
BE-V35B	Bonanza	0	0
BE-B36TC	Bonanza	4	10
• Multi-Engine			
BE-B55	Baron	0	0
BE-E55	Baron	1	1
BE-58	Baron	3	12
BE-58TC	Baron	0	0
BE-58P	Baron	0	4
BE-76	Duchess	0	3
BE-B60	Duke	0	0
BE-C99	Airliner	0	0
BE-C90-1	King Air	2	14
BE-F90-1	King Air	1	3
BE-B100	King Air	0	0
BE-200	Super King Air	1	12
BE-200C	Super King Air	2	3
BE-300	Super King Air	6	18
BE-200T	Super King Air	0	0
BE-1900C	Commuter	3	9
TOTAL		38	146
Manufacturers net billing – $35,613,990.92			
BRITISH AEROSPACE			
• Multi-Engine			
BAe	Jetstream 31	*	11
HS-748		1	3
BAe 146-100		1	4
BAe 146-200		2	5
HS-125-800	Model A	3	10
HS-125-600	Model B	0	2
TOTAL		7	35
PILATUS BRITTEN-NORMAN LTD.			
• Multi-Engine			
BN-2	Islander	3	6
BN-2T	Islander	0	0
Mark III	Trislander	0	0
TOTAL		3	6
CANADAIR LIMITED			
• Multi-Engine			
CL-600	Challenger	0	0
CL-601	Challenger	1	2
TOTAL		1	2
CESSNA AIRCRAFT CO.			
• Single-Engine			
CE-152		10	54
CE-A152	Aerobat	3	3
CE-172	Skyhawk	10	101
CE-172	Cutlass	0	2
CE-172RG	Cutlass	0	7
CE-182	Skylane	2	36
CE-182	Turbo Skylane	0	0
CE-182RG	Skylane RG	0	6
CE-182RG	Turbo Skylane RG	0	2
CE-185	Skywagon	4	12
CE-U206	Stationair 6	3	23
CE-TU206	Turbo Stationair 6	4	17
CE-207	Stationair 8	0	0
CE-TU207	Turbo Stationair 8	0	0
CE-210	Centurion	2	4
CE-T210	Turbo Centurion	3	17
CE-P210	Pressurized Centurion	3	10
CE-188	AgHusky	0	0
CE-188	AgTruck	0	0
• Multi-Engine			
CE-303	Crusader	1	5
CE-335		0	0
CE-340		0	4
CE-402		1	6
CE-404	Titan	0	0
CE-414	Chancellor	0	0
CE-421	Golden Eagle	0	0
CE-208	Caravan I	4	23
CE-425	Conquest I	0	18
CE-441	Conquest II	0	10
CE-500	Citation I	2	6
CE-550S/II	Citation II	5	25
CE-650	Citation III	2	12
CESSNA/REIMS AVIATION			
• Single-Engine			
CE-F152		0	1
CE-F152	Aerobat	2	2
CE-F172	Skyhawk	0	0
CE-FR172	Hawk XP	0	0
CE-F182	Skylane	0	0
CE-F182RG	Skylane RG	0	0
TOTAL		61	406
Manufacturers net billing – $37,793,817			
AVIONS-MARCEL DASSAULT			
• Multi-Engine			
AD-My.10	Falcon	0	0
AD-My.20	Falcon	1	1
AD-My.200	Falcon	1	6
AD-My.50	Falcon	2	6
TOTAL		4	13
DEHAVILLAND AIRCRAFT OF CANADA			
• Multi-Engine			
DHC-5		0	0
DHC-6		1	10
DHC-7		1	4
DHC-8		0	4
TOTAL		2	18
EMBRAER			
• Single-Engine			
EMB-200		0	0
EMB-201	Ipanema	1	11
EMB-710	Carioca (PA-28-235 Dakota)	0	2
EMB-711	Corisco (PA-28RT-201 Arrow)	2	5
EMB-712	Tupi (PA-28-181 Archer II)	1	3
EMB-720	Minuano (PA-32-310 Seratoga)	1	2
EMB-721	Sertanejo (PA-32R-301 Seratoga)	2	4
• Multi-Engine			
EMB-110	Bandeirante	0	7
EMB-121	Xingu	1	2
EMB-810D	Seneca II	3	18
EMB-820	Chieftain	0	1
TOTAL		11	55
FAIRCHILD AIRCRAFT CORP.			
• Multi-Engine			
Merlin III-C		1	1
Fairchild 30		0	0
Merlin IV-C		0	1
Metro III		0	3
Expediter		0	4
TOTAL		1	9
GATES-LEARJET			
• Multi-Engine			
LR-25D		0	1
LR-29		0	0
LR-35A		4	7
LR-36A		0	0
LR-55		0	5
TOTAL		4	13
GULFSTREAM AEROSPACE			
• Multi-Engine			
GR-1159A	Gulfstream III	2	10
AE-840	Turbo Commander	0	0

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		June 85	Cal. Year
AE-900	Commander 900	1	2
AE-980		0	0
AE-1000		6	14
TOTAL		9	26
ISRAEL AIRCRAFT INDUSTRIES			
• Multi-Engine			
1124	Westwind 1	*	0
1124A	Westwind 2	*	0
TOTAL		-	0
LAKE AIRCRAFT			
• Single-Engine			
LA-4-200EP		1	4
LA-250	Renegade	3	7
TOTAL		4	11
MAULE AIR INC.			
• Single-Engine			
M-5-180C		2	16
M-5-200		0	0
M-5-235C	Lunar Rocket	0	1
M-6-235		2	3
M-7-180		0	6
M-7-235	Super Rocket	1	8
MX-7-235		3	7
TOTAL		8	41
Manufacturers net billing – $374,815			
MITSUBISHI			
• Multi-Engine			
Solitaire		0	0
Marquise		0	1
Diamond		0	2
Diamond II		0	1
TOTAL		0	4
MOONEY AIRCRAFT CORP.			
• Single-Engine			
M-20J	201	1	19
M-20K	231	2	23
TOTAL		3	42

		June 85	Cal. Year
PIPER AIRCRAFT CORP.			
• Single-Engine			
PA-38-112	Tomahawk	0	0
PA-28-161	Warrior	8	37
PA-28-181	Archer II	8	50
PA-28-236	Dakota	1	8
PA-28RT-201T	Turbo Arrow IV	1	12
PA-32-301	Saratoga	4	16
PA-32R-301	Saratoga SP	0	6
PA-32R-301T	Turbo Saratoga SP	0	10
PA-46-310P	Malibu	12	57
• Multi-Engine			
PA-31-350	Chieftain	1	6
PA-31P-350	Mojave	1	12
PA-31-500	Cheyenne I	1	1
PA-31-500	Cheyenne IA	0	2
PA-42-720	Cheyenne IIIA	2	4
PA-42-400LS	Cheyenne	3	12
PA-34-220T	Seneca III	7	29
PA-44-180	Seminole	7	12
PA-44-180T	Turbo Seminole	0	5
PA-700P	Aerostar	0	7
PA-T1020		0	0
PA-T1040		0	1
TOTAL		56	287
Manufacturers net billing – $16,176,746			
SHORT BROTHERS LTD.			
• Multi-Engine			
SBJ-CS-7	Skyvan	0	0
SD-3-30		0	1
SD-3-60		1	5
TOTAL		1	6
	SINGLE-ENGINE	130	709
	MULTI-ENGINE	93	439
	GRAND-TOTAL	223	1,148

UNIT SHIPMENTS COMPARATIVE TREND: 19 MANUFACTURERS

	June			Calendar Year to Date		
	1985	1984	1983	1985	1984	1983
Aerospatiale	10	*	*	28	*	*
Beech	38	44	56	146	216	210
British Aerospace	7	8	0	35	24	7
Britten-Norman	3	1	1	6	6	6
Canadair	1	*	*	2	9	*
Cessna	61	47	107	406	373	625
Dassault	4	3	6	13	13	18
deHavilland	2	4	*	18	14	7
Embraer	11	9	4	55	48	41
Fairchild	1	1	2	9	10	7
Gates	4	3	6	13	11	17
Gulfstream	9	6	5	26	25	27
Israel	*	1	*	0	4	4
Lake	4	4	2	11	16	13
Maule Aircraft Inc.	8	7	3	41	26	23
Mitsubishi	0	3	3	4	10	18
Mooney	3	9	11	42	58	69
Piper	56	61	52	287	336	356
Short	1	4	3	6	20	17
TOTAL	223	215	282	1,148	1,219	1,466

Parentheses show actual Embraer deliveries, not including aircraft kits.
* Figures not available.